



IFW16

RAW SEQUENCE LISTING

DATE: 08/05/2004

PATENT APPLICATION: US/09/765,061E

TIME: 10:18:50

Input Set : A:\96606-16UTL - SN 09765061 - Seq List.txt

Output Set: N:\CRF4\08052004\I765061E.raw

3 <110> APPLICANT: Board of Regents of the University of Texas System
 5 <120> TITLE OF INVENTION: MUTATIONS IN A NOVEL PHOTORECEPTOR-PINEAL GENE ON 17P CAUSE

LEBER

6 CONGENITAL AMAUROSIS (LCA4)
 8 <130> FILE REFERENCE: 96606/16UTL
 10 <140> CURRENT APPLICATION NUMBER: 09/765,061E
 11 <141> CURRENT FILING DATE: 2001-01-17
 13 <150> PRIOR APPLICATION NUMBER: 60/331362
 14 <151> PRIOR FILING DATE: 2001-01-14
 16 <160> NUMBER OF SEQ ID NOS: 78
 18 <170> SOFTWARE: PatentIn version 3.2
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 21 <211> LENGTH: 6689
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Homo sapiens
 26 <220> FEATURE:
 27 <221> NAME/KEY: gene
 28 <222> LOCATION: (1)..(6689)
 29 <223> OTHER INFORMATION: The AIPL1 gene produces the aryl-hydrocarbon receptor



interacting

30 protein-like 1
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 35 <223> OTHER INFORMATION: n is a, c, g, or t
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Output Set: N:\CRF4\08052004\I765061E.raw

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Input Set : A:\96606-16UTL - SN 09765061 - Seq List.txt

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276 <222> LOCATION: (1)..(1119)

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278 protein-like 1

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322 <212> TYPE: DNA

323 <213> ORGANISM: Pan troglodytes

326 <220> FEATURE:

327 <221> NAME/KEY: gene

328 <222> LOCATION: (1)..(1155)

329 <223> OTHER INFORMATION: The AIPL1 gene produces the aryl-hydrocarbon receptor interacting

330 protein-like 1

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381 <221> NAME/KEY: gene
382 <222> LOCATION: (1)..(1060)
383 <223> OTHER INFORMATION: The AIPL1 gene produces the aryl-hydrocarbon receptor
interacting
384     protein-like 1
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425 <211> LENGTH: 925
426 <212> TYPE: DNA
427 <213> ORGANISM: Canis familiaris
430 <220> FEATURE:
431 <221> NAME/KEY: gene
432 <222> LOCATION: (1)..(925)
433 <223> OTHER INFORMATION: The AIPL1 gene produces the aryl-hydrocarbon receptor
interacting
434     protein-like 1
436 <400> SEQUENCE: 5
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/05/2004
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:52; Xaa Pos. 1
Seq#:72; Xaa Pos. 322

VERIFICATION SUMMARY

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L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1860
L:173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:3900
L:1128 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:42
L:1143 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:43
L:1158 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:44
L:1182 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:46
L:1197 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47
L:1212 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:48
L:1227 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:49
L:1285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:35
L:1422 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:60
L:1437 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:61
L:1452 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:62
L:1467 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:63
L:1482 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:64
L:1497 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:65
L:1512 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:66
L:1527 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:67
L:1542 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:68
L:1557 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:69
L:1572 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:70
L:1587 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:71
L:1693 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:320